

NALIVKO, G. V., Cand Tech Sci (diss) -- "Technological investigations of the process of tobacco drying in the chernozem zone, using high temperatures". Krasnodar, 1959. 20 pp (Min Higher and Inter Spec Educ RSFSR, Krasnodar Inst of the Food Industry), 150 copies (KL, No 10, 1960, 131)

MANIN, V.; NAL'KHANOV, N.

Causes for the loss of work time on the shift. Sets.trud no.2:94-96
F '56. (MIRA 9:7)
(Cutting machines) (Efficiency, Industrial)

NAIKOWSKA, ZOFIA.

Moj ojciec. Warszawa, Nasza Księgarnia, 1955. 55 p. My father.
port. MIDW Not in DLC

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956

SAKS, Vladimir Nikolayevich; MAL'NYAYEVA, Tamara Ivanovna;
KRYNGOL'TS, G.Ya., doktor geol.-miner. nauk, otv. red.

[Upper Jurassic and Lower Cretaceous belemnites in the
northern U.S.S.R.; genera *Cylindroteuthis* and
Lagonibelus] Verkhneiurskie i nizhnemelovye belemnity
Severa SSSR; rody *Cylindroteuthis* i *Lagonibelus*. Lenin-
grad, Nauka, 1964. 165 p. (MIRA 17:12)

SAKS, Vladimir Nikolayevich; NAL'NYAYEVA, Tamara Ivanovna;
KRYMGOL'TS, G.Ya., doktor geol.-miner. nauk, otv. red.

[Upper Jurassic and Lower Cretaceous belemnites of the
north of the U.S.S.R.; Pachyteuthis and Acroteuthis
genera] Verkhneiurskie i nizhnemelovye belemnity Severa
SSSR; rody Pachyteuthis i Acroteuthis. Moskva, Nauka,
1966. 258 p. (MIRA 19:1)

NALÓ, József, dr.,; FOLDVARI, Ferenc., dr.,; MARTON, Kalman, dr.

Catamnestic follow-up of pemphigus. *Borogygy. vener. szemle* 8 no.2:
42-50 Mar 54.

1. A Budapesti Orvostudományi Egyetem Bor- és Nemikortani
Klinikájának (igazgató: Foldvari Ferenc dr. egyetemi tanár) és I.
Korbonctani és Kísérleti Rakkutató Intézetének (igazgató Baló
József dr. egyetemi tanár) közleménye.
(PEMPHIGUS, therapy
catamnestic follow-up)

NALOBIN, Yu.

With the aid of industrial technology. Prof.-tekh. obr.
19 no.7:9-10 JI '62. (MIRA 15:12)

1. Zamestitel' direktora spetsial'nogo remeslennogo
professional'no-tehnicheskogo uchilishche No.1, Omsk.
(Vocational education)

NALOV, N. N.

PA 13T58

USSR/Wave Guides
Doppler effect

Nov 1946

"The Doppler Effect in a Wave Guide," N. N. Nalov,
3 pp

"Zhur Eksp i Teor Fiz" Vol XVI, No 11

Examination of the electromagnetic fields in wave
guides from the viewpoint of an observer moving
along the axis of the wave guide.

13T58

Naloyev, G. A.

137-1957-12-23818

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 12, p 137 (USSR)

AUTHOR: Naloyev, G. A.

TITLE: The Role of Rationalization and Invention in Reducing Spoilage
(Rol' ratsionalizatsii i izobretatel'stva v snizhenii braka)

PERIODICAL: V sb.: Novoye v liteyn. proiz-ve. Nr 2, Gor'kiy, Knigoizdat,
1957, pp 53-57

ABSTRACT: A number of examples is given illustrating the rationalization of processes in the foundry shops of the Molotov automobile plant; more than fifty percent of the suggestions deal with problems of improving the quality of the output and reducing the amount of spoilage. This was supplemented by the establishment of a base standard for casting quality.

S. Sh.

1. Foundries-Materials-Quality control
2. Foundries-Materials-Salvage control

Card 1/1

KISELEV, I.I.; BORISOV, N.I.; YASINOVSKIY, B.S., inzh.; SANNIKOV, Yu.K., inzh.; SOKOLOV, V.A., inzh.; LEVCHENKO, L.D., inzh.; NALOYEV, G.A., inzh.; CHICHAKOV, K.K., inzh.; BARYKIN, V.I., inzh.; FREYDLIN, A.Ya., inzh.; GULYAYEV, A.I., inzh.; STIGHEYEV, Ya.F., inzh.; SHAGANOVA, K.N., inzh.; KHELIMSKIY, I.Ye., inzh.; AVROV, A.N., inzh.; DEMIDOVA, M.I., inzh.; NIKIFOROVA, Ye.D., inzh.; KLIBANOVA, F.I., inzh.; CHIVKUNOV, K.I., inzh.; STOROZHKO, I.G., inzh.; NOVAKOVSKIY, Ye.Ya., inzh.; GOYKHUTUL', A.O., inzh.; TARASOV, A.M., inzh.; SHISHKO, A.P., inzh.; UVAROV, P.T., ekonomist; DRAGUNOV, M.V., ekonomist; KARANDASHOV, A.A., ekonomist; KONKIN, M.V., ekonomist; GOREV, M.S., ekonomist. Primarni uchastiye: LAPIN, T.I.; RAMENSKIY, Yu.A.; KADINSKIY, B.A.; SOKOLOV, S.D.; STOROZHKO, I.G.; POMINYKH, A.I.. POLYAKOVA, N., red.; SMIRNOV, G., tekhn.red.

[Organization and improvement of production; practices of the Gorkiy Automobile Plant] Organizatsiia i sovershenstvovanie proizvodstva; opyt Gor'kovskogo avtozavoda. Moskva, Gos. izd-vo polit. lit-ry, 1958. 332 p. (MIRA 12:2)

1. Direktor Gor'kovskogo avtomobil'nogo zavoda (for Kiselev).
2. Glavnyy inzhener Gor'kovskogo avtomobil'nogo zavoda (for Borisov).
3. Gor'kovskiy avtomobil'nyy zavod (for all except Kiselev, Borisov, Polyakova, Smirnov).

(Gorkiy--Automobile industry)

ABRAMOVA, N.I., starshiy nauchnyy sotrudnik; NALOYEVA, A.N.

Effect of vat dyes on the photochemical destruction of
cotton fibers. Tekst.prom. 22 no.10:67-69 0 '62. (MIRA 15:11)

1. Nauchno-issledovatel'skiy institut organicheskikh
poluproduktov i krasiteley (NIOPIK) (for Abramova).
2. Starshiy laborant Nauchno-issledovatel'skogo instituta
organicheskikh poluproduktov i krasiteley (NIOPIK) (for Naloyeva).
(Dyes and dyeing--Cotton)

AUTHOR: Nalpenko, V. Ye. SOV/72-58-10-13/18

TITLE: Automatic Moistening of the Batch (Avtomaticheskoye uvlazhneniye shikhty)

PERIODICAL: Steklo i keramika, 1958, Nr 10, pp 43-44 (USSR)

ABSTRACT: The Kiev Factory for Glass Containers introduced this process the plant being supplied with alternating current. The following electrical equipment is used: 2 electromagnets, 2 relays of the type RP-43 and 2 magnetostarters of the type P-222. The automation scheme is shown in a figure and then described in detail. The 2 electromagnets are controlled by the relays and operate the water supply valves and therefore also the moistening of the batch. The electrodes in the water tank are mounted at a distance of 10 - 12 mm from each other. One electrode can be moved to fix the water volume in the tank as required. There is 1 figure.

ASSOCIATION: Kiyevskiy steklotarnyy zavod (Kiev Factory for Glass Containers)

Card 1/2

Automatic Moistening of the Batch

SOV/72-58-10-13/18

Card 2/2

NALPENKO, V.Ye.

Eliminate the faults in electric motors with aluminum frames. Prom.
energ. 16 no.5;59-60 My '61. (MIRA 14:7)

1. Kiyevskiy steklotarnyy zavod.
(Electric motors)

NAL'SKAYA, N. P.

Nal'skaya, N. P. - "Automatic regulation of processes on a dressing machine",
Nauch.-issled. trudy (Tsent. nauch.-issled. in-t khlopchatobumazh. prom-sti),
Issue 2, 1949, p. 86-93.

SO: U-4110, 17 July 53, (Letopis 'Zhurnal 'nykh Statey, No. 19, 1949).

Nalaskaya, N. P.

The role of the decomposing agent in sizes P. A. Isent'ev and N. P. Nalaskaya, *Tekstil. Prom.* 11, No. 2, 50-2 (1951); *Chem. Zvesti.* 1951, 11, 1077-8; *J. C.A.* 36, 6023; 44, 97106. —A good size for cotton warp must contain a part of the starch in sol. form. Expts. reported showed oxidizing agents to be suitable for the complete or partial decompos. of the starch, with Chloramine T and B being most satisfactory. The decompos. must not take place throughout the warp mass of the size but only in that portion which is to be sol. starch. This portion is then mixed with the undecompos. portion of the size. Formulas for sizes and exptl. results are reported. M. G. Moore

NAL'SKAYA, N. P. Cand Tech Sci -- (diss) "Study and ~~the~~ determination of optimum parameters in the ^{dressing for spinning from} ~~process of sizing~~ viscose staple fiber, ² ~~yarns~~" Mos, 1957.

19 pp 21 cm. (Min of Higher Education USSR. Mos Textile Inst), 100 copies
(KL, 7-57, 107)

37

SUROVYAGINA, M.P., inzh.; NAL'SKAYA, N.P., inzh.

New type of size cooking equipment. Tekst.prom. 20 no.9:29-32 S
'60. (MIRA 13:10)

(Sizing (Textile)) (Textile machinery)

NAL'SKIY, Ya.

Mal'skiy, Ya. "Face to face with difficulties", (Experience in obtaining rich harvests of cotton on salty soils), Sel. Khoz-vo Tadzhikstana, 1949, No. 2, p. 10-12.

SO: U-411, 17 July 53, (Letopis' Zhurnal 'nykh Statey, No. 20, 1949).

NAL'SKIY, Ya. I.

PHASE I BOOK EXPLOITATION

1160

Islamov, Nasriddin Akhmedovich, Kozachkovskiy, Viktor Andreyevich, Nal'skiy,
Yakov Isakovich, Promtov, Aleksandr Nikolayevich

Tadzhikskaya SSR; kratkiy istoriko-ekonomicheskiy ocherk (Tadzhik SSR; Brief
Historical and Economic Study) Moscow, Gospolitizdat, 1958. 193 p. 25,000
copies printed.

Ed.: Petrova, S.; Tech. Ed.: Danilina, A.

PURPOSE: This book is intended for the general reader.

COVERAGE: This book is a popular survey of Tadzhikistan, i.e., mainly of its
physical geography, economic situation, history and culture. The section
on industries contains economic indices of the growth of industrial output
and a number of actual figures; as a rule, however, the information provided
on individual factories, projects, and deposits is very superficial. A few
good photographs, showing important industrial installations, are given. There
are some 50 photographs and 2 maps. No references are given.

TABLE OF CONTENTS:

Card 1/2

Tadzhik SSR (Cont.)

1160

I. From the Historic Past (Prior to 1917)	21
1. People of an ancient civilization	21
2. Union with Russia	38
3. Development of the Revolutionary Movement	44
II. Victory of the Great October Socialist Revolution. Establishment of Soviet Power in Tadzhikistan. Formation of the Tadzhik ASSR	51
III. Construction of Socialism. Formation of the Tadzhik SSR	69
1. Development of industries prior to the Five-Year Plans	73
2. Transport	75
3. Agriculture	76
4. The Tadzhik People During the Great Patriotic War	80
IV. Land With a Great Future	84
1. Industries	84
2. Agriculture	108
3. Upswing of prosperity, flowering of culture	151

AVAILABLE: Library of Congress

MM/fal
2-12-59

Card 2/2

NALUTSISHIN, B.N.; MARIYENGOF, B.B.

Some recent data on coal resources of middle and upper Carboniferous
and Permian deposits in the lower Gorbiachin Valley. Inform.biul.
NIIGA no.1843-47 '60. (MIRA 14:6)
(Gorbiachin Valley---Coal geology)

NAIUTSISHIN, B.N.

Using the facies-geotectonic analysis in field studies of coal
sediments in the Tunguska series of the Kureyka graphite deposit.
Inform. biul. NIIGA no.19:44-49 '60. (MIRA 13:12)
(Kureyka Valley--Coal geology)

ZAYTSEVA, G.I., kandidat meditsinskikh nauk; BYSTROVA, V.V.; MALYUBINA, G.A.

Visceral candidomycosis in children. *Pediatrics* 39 no.3:56-62

My-Js '56.

(MLRA 9:9)

1. Iz filiala kafedry pediatrii (zav. - dotsent G.I.Zaytsev) i
kafedry patologicheskoy anatomii (zav. - prof. P.V.Sipovskiy)
Leningradskogo instituta usovershenstvovaniya vrachey imeni S.M.
Kirova (dir. - prof. N.I.Blinov)

(MONILIASIS, IN inf. and child etiol. and pathogen.
antibiotics, in child.)

(ANTIBIOTICS, inj. eff.
moniliasis in child.)

KUDRIN, V.A.; OYKS, G.N.; SOROKIN, S.P.; NECHKIN, Yu.M.; GLUSHTSOV, M.V.;
~~NAM, B.P.~~; LAPSHOVA, M.P.; YUDSON, A.A.; PETRENKO, O.D.;
ADRIANOVA, V.P.

Smelting high-grade steel in open-hearth furnaces fired with
natural gas. Stal' 20 no. 7:599-602 J1 '60. (MIRA 14:5)
(Open-hearth furnaces--Equipment and supplies)

NAM, B. P., CAND TECH SCI, "BEHAVIOR OF HYDROGEN IN *the*
BATH OF A BASIC MARTIN FURNACE WHEN HEATED WITH NATURAL
GAS." MOSCOW-UNEPROPETROVSK, 1961. (MIN OF HIGHER AND
SEC SPEC ED UKSSR. UNEPROPETROVSK ORDER OF LABOR RED BAN-
NER METALLURGICAL INST). (KL-DV, 11-61, 221).

-167-

NAM, B P

PHASE I BOOK EXPLOITATION

SOV/5556

85-

Moscow. Institut stali.

Novoye v teorii i praktike proizvodstva martenovskoy stali (New [Developments] in the Theory and Practice of Open-Hearth Steelmaking) Moscow, Metallurgizdat, 1961. 439 p. (Series: Trudy Mezhdvuzovskogo nauchnogo soveshchaniya) 2,150 copies printed.

Sponsoring Agency: Ministerstvo vysshago i srednego spetsial'nogo obrazovaniya RSFSR. Moskovskiy institut stali imeni I. V. Stalina.

Eds.: M. A. Glinkov, Professor, Doctor of Technical Sciences, V. V. Kondakov, Professor, Doctor of Technical Sciences, V. A. Kudrin, Docent, Candidate of Technical Sciences, G. N. Oyks, Professor, Doctor of Technical Sciences, and V. I. Yavovskiy, Professor, Doctor of Technical Sciences; Ed.: Ye. A. Borko; Ed. of Publishing House: N. D. Gromov; Tech. Ed.: A. I. Karasev.

PURPOSE: This collection of articles is intended for members of scientific institutions, faculty members of schools of higher education, engineers concerned with metallurgical processes and physical chemistry, and students specializing in these fields.

Card 1/14

85

New [Developments] in the Theory (Cont.)

80V/5556

COVERAGE: The collection contains papers reviewing the development of open-hearth steelmaking theory and practice. The papers, written by staff members of schools of higher education, scientific research institutes, and main laboratories of metallurgical plants, were presented and discussed at the Scientific Conference of Schools of Higher Education. The following topics are considered: the kinetics and mechanism of carbon oxidation; the process of slag formation in open-hearth furnaces using in the charge either ore-lime briquets or composite flux (the product of calcining the mixture of lime with bauxite); the behavior of hydrogen in the open-hearth bath; metal desulfurization processes; the control of the open-hearth thermal molting regime and its automation; heat-engineering problems in large-capacity furnaces; aerodynamic properties of fuel gases and their flow in the furnace combustion chamber; and the improvement of high-alloy steel quality through the utilization of vacuum and natural gases. The following persons took part in the discussion of the papers at the Conference: S.I. Filippov, V.A. Kudrin, M.A. Glinkov, B.P. Nam, V.I. Yavovskiy, G.H. Oyks and Ye. V. Chelishchev (Moscow Steel Institute); Ye. A. Kazachkov and A. S. Kharitonov (Zhdanov Metallurgical Institute); N.S. Mikhaylets (Institute of Chemical Metallurgy of the Siberian Branch of the Academy of Sciences USSR); A.I. Stroganov and D. Ya. Povolotskiy (Chelyabinsk Polytechnic Institute); P.V. Umrikhin (Ural Polytechnic Institute); I.I. Fomin (the Moscow "Serp i molot" Metallurgical Plant); V.A. Fuklev (Central Asian Polytechnic Institute).

Card 2/14

New [Developments] in the Theory (Cont.)

80V/5556

and M.I. Beylinov (Night School of the Dneprodzerzhinsk Metallurgical Institute).
References follow some of the articles. There are 268 references, mostly Soviet.

TABLE OF CONTENTS:

Foreword

5

Yavovskiy, V. I. [Moskovskiy institut stali - Moscow Steel Institute].
Principal Trends in the Development of Scientific Research in Steel
Manufacturing

7

Filippov, S. I. [Professor, Doctor of Technical Sciences, Moscow Steel
Institute]. Regularity Patterns of the Kinetics of Carbon Oxidation
in Metals With Low Carbon Content

15

[V. I. Antonenko participated in the experiments.]

Levin, S. L. [Professor, Doctor of Technical Sciences, Dnepropetrovskiy
metallurgicheskiy institut - Dnepropetrovsk Metallurgical Institute].

Card 3/14

New [Developments] in the Theory (Cont.)

807/5556

20

Kapustin, Ye. A. [Docent, Candidate of Technical Sciences, Zhdanov Metallurgical Institute]. Aerodynamic Properties of Fuel Gases and Their Flow in the Combustion Chamber of an Open-Hearth Furnace

271

Kudrin, V.A. [Docent, Candidate of Technical Sciences], G.M. Oyko, O.D. Petrenko, A.A. Yudson, Yu. M. Nechkin, B.P. Nam, [Engineers], I.I. Ansheles [Docent, Candidate of Technical Sciences], R.M. Ivanov [Candidate of Technical Sciences], and V.P. Adrianova [Engineer]. Special Features of Making High-Quality Steel in Natural-Gas-Fired Open-Hearth Furnaces

280

Butakov, D.K. [Docent], L.M. Mol'nikov [Engineer], A.M. Lirman, V.D. Budenny, P.P. Babich, and A.I. Sinkovich [Ural Polytechnic Institute, Zavod im. Ordzhonikidze Chelyabinskogo sovnarkhoza - Plant imeni Ordzhonikidze of the Chelyabinsk Sovnarkhoz]. Special Features of Making Steel in Open-Hearth Furnaces With Magnesite-Chromite [Brick] Roofs

290

Kudrin, V.A., Yu. M. Nechkin, Ye. I. Tyurin [Candidate of Technical Sciences], and Ye. V. Abrosimov [Moscow Steel Institute]. The Acid Open-Hearth Process

299

Card 10/14

NAM, B.P.; OYKS, G.N.; KUDRIN, V.A.; MECHKIN, Yu.M.

Hydrogen behavior in open-hearth furnace baths fired with natural gas. Izv. vys. ucheb. zav.; chern. met. no.1:56-64 '61.
(MIRA 14:2)

1. Moskovskiy institut stali.

(Open-hearth furnaces--Combustion)
(Steel--Hydrogen content)

NAM, B.P.; OYKS, G.N.; KUDRIN, V.A.; NECHKIN, Yu.M.

Factors determining hydrogen content in finished steel.

Izv. vys. ucheb. zav.; chern. met. 4 no.7:55-61 '61.

(MIRA 14:8)

1. Moskovskiy institut stali.

(Steel--Hydrogen content)

NAM, B.P.; OYKS, G.N.; KUDRIN, V.A.; NECHKIN, Yu.M.

Effect of hydrogen concentration in final open-hearth furnace
slag on changes in hydrogen content of the metal during its
tapping and pouring. Izv.vys.ucheb.zav.; chern.met. 4 no.9:
54-58 '61. (MIRA 14:10)

1. Moskovskiy institut stali.
(Steel—Hydrogen content) (Slag—Analysis)

S/137/62/000/003/016/191
A006/A101

AUTHORS: Nam, B. P., Oyks, G. N.

TITLE: The behavior of hydrogen in a basic open-hearth furnace pool during melting of high-quality steel on natural gas

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 3, 1962, 25, abstract 3V175 ("Sb. nauchn. tr. Zhdanovsk. metallurg. in-t", 1961, no. 7, 14-22)

TEXT: Investigations were made on 130-ton basic open-hearth furnaces, operating on the scrap process. It was established that the H content, by the moment of completed melting, depends mainly upon the total duration of the charge and melting periods, and upon the fraction of natural gas in the gas-mazut mixture. An increase of the H content in the heats without adding ore, from the moment of full melting until the beginning of active bubbling, is connected with the process of surface reaction of C oxidation. The addition of ore during this period entailed a reduction of the H content. During the period of active bubbling the H content depends mainly on the burning-out rate of C, V_C . Degassing of the pool takes place at $V_C > 0.005\%$ C in 1 minute. The degassing effect depends then on the initial H content when active bubbling begins. The higher

Card 1/2

S/137/62/000/003/016/191

A006/Ai01

The behavior of hydrogen ...

the H content at the beginning of active bubbling, the more effective the degassing of metal proceeds at the same V_0 . At a low H content during the period of active bubbling (about $2.0 \text{ cm}^3/100 \text{ g Me}$) even high V_0 does not assure degassing of metal. During the period of alloying the H content increases. The intensity of the increase depends upon the duration of the time interval between additions of Fe-Cr and subsequently of Fe-Mn (when melting 40% (40Kh) grade steel and adding Fe-Cr to the boiling pool). With a longer time interval the intensity of metal saturation with hydrogen is reduced. To reduce the H content it is recommended: to raise the oxidizing capacity, either by using O_2 for fuel combustion and pool blast or by the supply of pressure-heated air to the flame; improvement of slag conditions for the purpose of obtaining homogeneous slag with high oxidizing capacity; selection of optimum ratios of mazut and gas consumption for individual periods of melting. There are 12 references. See RZhMet, 7V229; 11V192.

V. Kudrin

[Abstracter's note: Complete translation]

Card 2/2

NAM, B.P.

Sampling device in the analysis of gases in metals. Zav. lab. 27
no. 4:482-483 '61. (MIRA 14:4)

1. Moskovskiy institut stali imeni I.V. Stalina.
(Sampling) (Gases in metals)

NAM, B.P.; OIKS, G.N. [Oyks, G.N.]; KUDRIN, V.A.; NECIKIN, I.M. [Nechkin, I.M.]

Influence of hydrogen concentration in the final Martin slag on the variation of hydrogen content in the metal during the discharge and teeming. Analele metalurgie 16 no.2:31-35 Ap-Je 62.

KUDRIN, V.A.; NECHKIN, Yu.M.; NAM, B.P.

Accelerating open-hearth furnace operations. Metallurg 8 no.5:
8-9 My '63. (MIRA 16:7)

(Open-hearth furnaces)

NAM, N.F., aspirant

Origin and characteristics of the microflora of the gallbladder
in acute calculous cholecystitis. Report No. 1. Med.zhur.Uzb.
no.8:71-74 Ag. '62. (MIRA 16:4)

1. Iz kafedry mikrobiologii (zav. - prof. P.F.Samsonov) i
kafedry gospital'noy khirurgii lechebnogo fakul'teta (zav. -
prof. S.A.Masumov) Tashkentskogo gosudarstvennogo meditsinskogo
instituta.

(GALLBLADDER—MICROBIOLOGY)

(CALCULI, BILIARY)

KOROTAYEV, Yu.P.; LUTOSHKIN, G.S.; NAM, N.K.

Controlling crystal hydrates by the freezing out method. Gas. prom.
4 no.4:11-15 Ap '59. (MIRA 12:6)
(Gas, Natural--Hydrates)

KOROTAYEV, Yu.P.; NAM, N.K.

Field investigations of gas wells in order to select methods
by which to control hydrate formation. Gaz. prom. 8 no.2:7-12
'63. (MIRA 17:8)

TVERKOVKIN S.M.; NAM, N.K.

Determining the pressure losses in the well bore and gas gathering network of the Gazli gas field. Gaz. delo no.6:9-12 '65.

(MIRA 18:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut prirodnogo gaza i Sredneaziatskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta prirodnogo gaza.

L 4512-66 EWT(1)/EWT(m)/FCC/EWA(h) GS/GW

ACCESSION NR: AT5022838

UR/0000/65/000/000/0268/0270

28
05
Q+1

AUTHOR: Nurgozhin, N. N.; Nam, R. A.

TITLE: Air-filled spark chamber /9

SOURCE: Vsesoyuznoye soveshchaniye po kosmofizicheskoyu napravleniyu issledovaniy kosmicheskikh luchey. 1st, Yakutsk, 1962. Kosmicheskiye luchy i problemy kosmofiziki (Cosmic rays and problems in cosmophysics); trudy soveshchaniye. Novosibirsk, Redizdat Sib. otd. AN SSSR, 1965, 268-270

TOPIC TAGS: spark chamber, cosmic shower, cosmic ray measurement, radiation instrument, cosmic ray telescope, Geiger counter

ABSTRACT: The present authors designed a small experimental spark chamber with the purpose of studying the operating principles and the design of chambers leading, later, to multilayer devices for the registration of cosmic showers. The article describes in details the design and operation of this four-plate chamber which is based on the principle of spark counter with pulsed power supply controlled by a telescope consisting of two rows of Geiger counters. The discharge through air occurred regularly within a single gap, but such a gap carried often more than one breakdown. The discharge threshold was about 8-10 kv; the efficiency of a single section went up to 98% for a zero value of the cleaning

Card 1/2

09010066

L 4512-66

ACCESSION NR: AT5022838

field and a delay time of 0.6 μ sec. Preliminary results indicate that air-filled chambers may be used for the recording of cosmic particles. "Students V. A. Likhoded and V. K. Shirokiy participated in the work." Orig. art has: 3 figures. 3

ASSOCIATION: Kasakhskiy gosudarstvennyy universitet im. S. M. Kirova (Kazakh State University)

SUBMITTED: 29Oct64

ENCL: 00

SUB CODE: EM, AA

NO REF SOV: 001

OTHER: 001

CC

Card 2/2

PETROV, K.A.; GAVRILOVA, A.I.; NAM, V.M.; CHUCHKANOVA, V.P.

Phosphorus-containing analogs of choline and acetylcholine.

Part 1: Phosphorocholines and acetylphosphorocholines.

Zhur.ob.khim. 32 no.11:3711-3716 N '62. (MIRA 15:11)

(Choline)

(Phosphonium compounds)

PASHCHENKO, Z.P.; SAYDALIYEVA, D.; NAM. V.M.

Cytological and embryological characteristics of cotton grown
from gamma irradiated seeds. Uzb. biol. zhur. 7 no.1:72-81 '63
(MIRA 17:7)

1. TashkentSKIY gosudarstvennyy universitet imeni V.I.Lenina.

ANTONOV, V. V., gornyy inzh.; NAMAKSHANSKIY, V. Ya., gornyy inzh.

Rapid drifting with a wide working face. Ugol' Ukr. 7 no.4:
34-35 Ap '63. (MIRA 16:4)

1. Kombinat "Donetskugol".

(Donets Basin—Coal mines and mining)

ANTONOV, V.V., gornyy inzh.; NAMAKSHTANSKIY, V.Ya., gornyy inzh.

Making 45lm of crossent in one month at the No.3 "Novo-Grodovka"
Mine. Ugol' 38 no.8:32-34 Ag '63. (MIRA 17:11)

1. Kombinat Donetskugol'.

NAMATBAYEV, S.

Communist Youth League patronized the highway construction.
Avt.dor. 28 no.11:8 N '65. (MIRA 18:11)

1. Pervyy sekretar' Tsentral'nogo komiteta Vsesoyuznogo
Leninskogo soyuza molodezhi Kirgizskoy SSR.

NAMAYEV, A.T., mashinist-instruktor

Quality of electric light bulbs must be improved. Elek.i topl.
tiaga 3 no.5:44 1/2 '59. (MIRA 12:9)

1. Depo Arys', Tashkentskaya doroga.
(Electric lamps, Incandescent)
(Diesel locomotives--Maintenance and repair)

NAMAYEV, A.T.

How to replace damaged liquid-expansion thermometers and
pressure gauge by electric ones. Elek.i topl.tiaga 4 no.1:40
Ja '60. (MIRA 13:4)

1. Mashinist-instruktor depo Arys', Kazakhskoy dorogi.
(Diesel locomotives)

NAMAYEV, A.T.

How we have improved the start of a train. Elek. i tepl. tiaga
no.5:18-19 My '63. (MIRA 16:8)

1. Mashinist-instruktor depo Arys' Kazakhskoy dorogi.
(Railroads--Rolling stock)

ASHUROV, Ya.S.; GELAKH, T.F.; KAMALOV, U.Kh.; KOCHEROV, V., red.;
NAMAZOV, D.N., kand. ekon. nauk, red.; BAKHTIYAROV, A.,
tekhn. red.

[Bukhara; concise guidebook] Bukhara; kratkii spravochnik.
Izd.3., ispr. i dop. Pod obshchei red. D.N.Namazova.
Tashkent, Gos.izd-vo Uzb.SSR, 1963. 107 p. (MIRA 16:12)
(Bukhara--Guidebooks)

ACC NR: AP6036946

SOURCE CODE: UR/0233/66/000/003/0057/0061

AUTHORS: Gadzhiyev, S. N.; Chebotarev, V. N.; Namazov, F. A.; Nagdaliyeva, Yu. R.; Azizov, T. Kh.; Agarunov, M. Ya.

ORG: none

TITLE: Physicochemical investigation of organosilicon compounds. 1. Enthalpy of formation of some methylchlorosilanes

SOURCE: AN AzerbSSR. Seriya fiziko-tekhnikeskikh i matematicheskikh nauk, no. 3, 1966, 57-61

TOPIC TAGS: standard enthalpy, calorimeter, calorimetry, chlorinated aliphatic compound, silane, organosilicon compound

ABSTRACT: The standard enthalpies of formation (at 25C) of trimethylchlorosilane, dimethyldichlorosilane, and methyltrichlorosilane were determined. The investigation is an extension of earlier published work by S. N. Gadzhiyev and M. Ya. Agarunov (Zh. fiz. khimii, 39, 239, 1965). The experimental procedure followed is described by S. N. Gadzhiyev and K. A. Sharifov (Izv. AN Azerb. SSR, seriya fiz-tekh i matem. nauk, 1962, No. 1). The calorimeter used is described by M. P. Kozina (Diss. MGU, 1955). A schematic of the calorimeter is presented. The physical properties of the materials investigated and the experimentally measured enthalpies of formation are tabulated. It was found that the standard enthalpy of formation at 25C for trimethylchlorosilane

Card 1/2

ACC NR: AP6036946

was -80.0 ± 4.5 kcal/mole, for dimethyldichlorosilane -104.8 ± 5.0 kcal/mole, and for methyltrichlorosilane -150.5 ± 10.0 kcal/mole. Orig. art. has: 2 tables and 2 graphs.

SUB CODE: 07/ SUBM DATE: none/ ORIG REF: 007/ OTH REF: 008

Card 2/2

MAKOV, G.I.

Boundary value problems for a second-order parabolic equation
with discontinuous coefficients. Izv. Akad. Nauk SSSR, Ser.
Mat., 1971, 35, 1, 1-10. (MA 17:17)
(Boundary value problems)
(Discontinuous coefficients)

162400

40992

S/233/62/000/002/001/002
1027/1250

AUTHOR: Namazov, G. K.

TITLE: Problems of boundary values for ordinary differential equations with discontinuous coefficients

PERIODICAL: Akademiya nauk Azerbaydzhanskoy SSR. Izvestiya. Seriya fiziko-matematicheskikh i tekhnicheskikh nauk, no. 2, 1962, 3-14

TEXT: The author investigates problems of boundary values for ordinary differential equations of the form

$$p(x)\frac{d^2y}{dx^2} + q(x)\frac{dy}{dx} + r(x)y = f(x), \quad (p(x) \geq p_0 > 0, \quad r(x) \leq r_0 < 0), \quad (1)$$

in the interval $[a, b]$. The coefficients are continuous functions except for $x = c$, $a < c < b$, where they and their derivatives have a discontinuity of the first kind. The boundary conditions at the end points are

$$y(a) = 0, \quad y(b) = 0. \quad (2)$$

It is proved that the solutions of (1)-(2) satisfy various kinds of conditions at c as limits ($h \rightarrow 0$) of solutions of approximating equations, the coefficients of which coincide with the original ones outside $(c - h, c + h)$. The exact form of the conditions at c depends on the method of approximation. The following forms are considered:

Card 1/2

Problems of boundary values...

S/233/62/000/002/001/002
1027/1250

$$y(c-0) = y(c+0), \quad K_1 \frac{dy(c-0)}{dx} - K_2 \frac{dy(c+0)}{dx} + \alpha y(c) = \beta, \quad (3)$$

where $K_1 > 0$, $K_2 > 0$, α and β are given constants, ("conjugate conditions"). Uniqueness for (1)-(2)-(3) is established, using a Lemma of O.A. Oleynik (Ref. 2: Matematicheskii. Sbornik., 30(72), 1952.). Another form is

$$K_1 y|_{x=c-0} = K_2 y|_{x=c+0} \quad (7)$$

$$\frac{d}{dx}(Ky)|_{x=c-0} + \delta_1 y|_{x=c-0} = \frac{d}{dx}(Ky)|_{x=c+0} + \delta_2 y|_{x=c+0} = X, \quad (8)$$

where δ_1 , δ_2 and X are known constants and

$$K(x) = \begin{cases} \frac{K_1}{p(c-0)} p(x) & \text{for } a \leq x < c, \text{ or } \\ \frac{K_2}{p(c+0)} p(x) & \text{for } c < x \leq b. \end{cases}$$

Uniqueness is proved here if $\delta_1/p(c-0) - \delta_2/p(c+0) > 0$. Finally for the following equation in $[-1,1]$:
 $\frac{d^2}{dx^2}(py) + q \frac{dy}{dx} + ry = f$, ($p \geq p_0 > 0$, $r \leq r_0 < 0$) (the discontinuity is at $x=0$), conjugate conditions can be obtained similar to (3) by smoothing the coefficients in $[0,\varepsilon]$. There are 6 references.

Card 2/2

42035

S/233/62/000/003/002/010
1027/1242

16.6500

AUTHOR: Namazov, G.K.

TITLE: The theory of parabolic equations of the second order with discontinuous coefficients

PERIODICAL: Akademiya nauk Azerbaydzhanskoy SSR. Izvestiya. Seriya fiziko-matematicheskikh i tekhnicheskikh nauk, no.3, 1962, 37-49 ✓

TEXT: Let D be a bounded n -dimensional domain with a smooth boundary Γ . The author investigates the parabolic equation

$$\frac{\partial U}{\partial t} = \sum_{i,j=1}^n A_{ij}(x,t) \frac{\partial^2 U}{\partial x_i \partial x_j} + \sum_{i=1}^n B_i(x,t) \frac{\partial U}{\partial x_i} + C(x,t)U + F(x,t) \quad (1)$$

in the cylinder $Q = D \times [0, T]$ ($x \in D$, $t \in [0, T]$), with initial and boundary conditions:

$$U|_{t=0} = \varphi(x); \quad U|_s = \psi(x,t), \quad s = \Gamma \times [0, T], \quad (2,3)$$

Card 1/2

S/233/62/000/003/002/010
I027/I242

The theory of parabolic equations...

where φ and ψ are given continuous functions. The coefficients in (1) are assumed to have a discontinuity of the first kind on a finite number of smooth surfaces which divide Q into $m+1$ parts Q_r , but they are smooth in Q_r and satisfy the Holder condition of order $\lambda > 0$ in each Q_r . Applying the methods of Oleynik (Ref. 4: DAN SSSR 1959, 124, no.6, and Ref. 5: Izv. AN SSSR, seriya matem. 1961, 25, 3-20), the author proves the existence and uniqueness of a solution with continuous first-order derivatives. The case where the coefficients and the dividing surface do not depend on t was solved by Girsanov (Ref.2: DAN SSSR, 1960, 135, no.6). The method consists of solving first equations with approximating continuous coefficients and using a-priori estimates which appear in Friedman's paper (J. Math. and mech. 1958, 7, 5, 777-791.

Card 2/2

40382

S/020/62/145/006/003/015
B112/B104

16.3500

AUTHOR: Namazov, G. K.

TITLE: Boundary val. problems for parabolic equations with
discontinuous coefficients

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 145, no. 6, 1962, 1228-1231

TEXT: The parabolic equation

$$A_0(x, t) \frac{\partial U}{\partial t} = \sum_{i,j=1}^n \frac{\partial}{\partial x_i} \left(A_{ij}(x, t) \frac{\partial U}{\partial x_j} \right) + \sum_{i=1}^n B_i(x, t) \frac{\partial U}{\partial x_i} + C(x, t) U + F(x, t). \quad (1)$$

is considered in a bounded domain $G = D \times (0, T]$. The region D is divided into subregions D_r ($r = 1, 2, \dots, m$) by the interfaces Γ_{ik} ($i, k = 1, 2, \dots, m$).

The coefficients of the equation (1) have first-order discontinuities on the interfaces $S_{ik} = \Gamma_{ik} \times [0, T]$, otherwise they are continuous. In addition, it is assumed that

Card 1/3

S/020/62/145/006/003/015
B112/B104

Boundary value problems for ...

$$A_0 \geq \lambda_0 > 0, \quad A_{ij} = A_{ji}, \quad \sum_{i,j=1}^n A_{ij} \xi_i \xi_j \geq \lambda \sum_{i=1}^n \xi_i^2, \quad \lambda > 0, \quad C(x, t) \leq 0. \quad (2)$$

A continuous function $U(x, t)$ is sought which satisfies (1) outside of the interfaces S_{ik} and the boundary conditions $U|_S = 0, U|_{t=0} = 0$ outside of the interfaces Γ_{ik} as well as the condition of adjunction

$$l_{pq} U = K_p \frac{dU}{dN_p} + K_q \frac{dU}{dN_q} + \delta_{pq} U = \kappa_{pq} \text{ on } S_{pq}, \text{ where } K_1 \geq K_0 > 0, \delta_{pq} \geq 0,$$

$$\kappa_{pq} \text{ is given on } S_{pq}, \quad \frac{d}{dN_p} = \sum_{i,j=1}^n \Lambda_{ij}^p(x, t) \cos(\nu_p, x_i) \partial / \partial x_j. \text{ Conditions}$$

are derived which concern the coefficients of (1) and the surfaces of discontinuity. These conditions are shown to be necessary for the unambiguous solvability of the boundary value problem considered. The method applied has been developed by O. A. Oleynik (DAN, 124, No. 6 (1959); Izv. AN SSSR, ser. matem., 25, No. 1 (1961)).

Card 2/3

Boundary value problems for ...

S/020/62/145/006/003/015
B112/B104

ASSOCIATION: Institut matematiki i mekhaniki Akademii nauk AzerbSSR
(Institute of Mathematics and Mechanics of the Academy of
Sciences AzSSR)

PRESENTED: March 28, 1962, by I. G. Petrovskiy, Academician

SUBMITTED: March 27, 1962

Card 3/3

L 17488-63 EWT(d)/FCC(w)/BDS AFFTC/IJP(C)

ACCESSION NR: AP3004609

3/0233/63/000/002/0003/0015

AUTHOR: Namazov, G. K.

TITLE: Boundary value problem for a parabolic equation with discontinuous coefficients 16

SOURCE: AN AzerbSSR. Izv. Ser. fiziko-matem. i tekhn. nauk, no. 2, 1963, 3-15

TOPIC TAGS: parabolic equation, discontinuous coefficient.

ABSTRACT: In studying various heat processes in a partially-homogeneous media there are boundary value problems of linear parabolic equations of the second order with discontinuous coefficients and other additional conditions on the surface between the two separating mediums. Utilizing the methods previously developed a calculation for a boundary value problem for a parabolic equation with discontinuous coefficients has been obtained with conjugated linear conditions on the surface of discontinuous coefficients. The parabolic equation

$$LU = \sum_{i,j=1}^n \frac{\partial}{\partial x_i} \left(A_{ij}(x,t) \frac{\partial U}{\partial x_j} \right) + \sum_{i=1}^n B_i(x,t) \frac{\partial U}{\partial x_i} + C(x,t)U = \\ = A_0(x,t) \frac{\partial U}{\partial t} + F(x,t)$$

Card 1/2

L 17488-63

ACCESSION NR: AP3004609

was used to calculate the function $U(x,t)$ in a cylinder Q . It was found that $U=0$, or $U_1=U_2$ in Q . "The author expresses his gratitude to G. A. Oleynik for his guidance and help." Orig. art. has: 25 equations.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 15Aug63

ENCL: 00

SUB CODE: MM

NO REF SOV: 007

OTHER: 000

Card 2/2

NAMAZOV, G.K.; AKHMEDOVA, A.M.

Mixed problem for a hyperbolic equation of the second order with
discontinuous coefficients. Izv. AN Azerb. SSR. Ser. fiz.-tekhn. i
mat. nauk., no.2:3-11 '65. (MIRA 18:8)

NAMAZOV, Islam Ibragim ogly; MAMEDOV, M.A., red.; AL'TMAN, T.B.,
red.izd-va

[Suggestions by the efficiency promoters of the Andreev Petroleum Refinery; experience of workers at the Andreev Refinery] Predlozheniia novatorov neftepererabatyvaiushchego zavoda im. Andreeva; opyt kollektiva neftepererabatyvaiushchego zavoda im. Andreeva. Baku, Azerbaidzhanskoe gos.izd-vo نفت. i nauchno-tekhn.lit-ry, 1958. 47 p. (MIRA 13:3)
(Baku--Petroleum refineries--Equipment and supplies)

NASIROV, A.B.; ASHUMOV, G.G.; ~~XXXXXXXXXXXXXXXXXXXX~~ NAMAZOV, I.I.; MELIK-ZADE, M.M.

Studying the individual hydrocarbons of the gasoline fraction
obtained from the Balakhan' heavy oil [in Azerbaijani with
summary in Russian]. Azerb.neft.khoz. 37 no.8:40-42 Ag '58.
(Hydrocarbons) (Gasoline) (MIRA 11:11)

ASHUMOV, G.G.; NAMAZOV, I.I.; NASIROV, A.B.

Improved method for determining the potential bright products content
of petroleum [in Azerbaijani with summary in Russian]. Azerb. neft.
khoz. 37 11:39-41 N '58. (MIRA 12:3)
(Petroleum--Refining)

ASHUMOV, G.G.; NASIROV, A.B.; NAMAZOV, I.I.; MIRDZHAVADOVA, M.M.

Quantitative analysis of the Siazan' petroleum and Karadag gas condensate for cyclohexane, methyl- and dimethylcyclohexane to be used as raw materials in the production of synthetic fibers. Azerb.neft.khoz. 38 no.12:34-36 D'59. (MIRA 13:10)
(Cyclohexane) (Textile fibers, Synthetic)

NAMAZOV, I.I.; ASHUMOV, G.G.; EYVAZOVA, S.A.

Sulfur content of Azerbaijan oils and light-colored petroleum products obtained from them. Azerb. neft. khoz. 39 no.2:33-34 F '60. (MIRA 14:8)

(~~Azerbaijan-Sulfur~~)
(Petroleum products)

S/081/62/000/024/007/052
B108/B186

AUTHORS: Namazov, I. I., Chashymov, Ch. Ch.

TITLE: Extraction of petroleum cyclohexane by crystalline thiourea
(role of activators in extractive crystallization)

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 24, 1962, 721, abstract
24M181 (Azerb. neft. kh-vo, no. 6, 1962, 34 - 37 [Azerb.;
summary in Russ.])

TEXT: The extraction of cyclohexane (I) from the fractions of Surakhany crude oil with boiling points 78 - 83, 75 - 85, 75 - 90, and 65 - 90°C was investigated by extractive crystallization with thiocarbamide in the presence of isopropanol as an activator. The fractions yielded concentrates with n_D^{20} 1.4185 - 1.4215 and d_4^{20} 0.766 - 0.772, containing 93 - 96% of naphthene hydrocarbons, 75 - 87 % of which were I. The yield of I from its content in the fraction was 90 - 94%. The concentrates are separated by distillation into the components yielding a 98-% I. It was found that the quantity of activator has no essential effect on the extraction of I from the fractions, even when no activator at all is present. The authors explain this by the
Card 1/2

Extraction of petroleum...

S/081/62/000/024/007/052
B108/B186

absence of complex-formation inhibitors in the fractions investigated.
[Abstracter's note: Complete translation.]

Card 2/2

NAMAZOV, I.I.; ASHUMOV, G.G.

Isolating petroleum cyclohexane by means of crystalline thiourea.
Azerb.neft.khoz. 41 no.5:33-35 My '62. (MIRA 16:2)
(Cyclohexane) (Urea)

S/109/62/³²¹²⁶007/008/005/015
D409/D301

9.9.20

AUTHOR:

Namazov, S.A.

TITLE:

Determining electron concentration in the ionosphere by analyzing polarization fadings of signals of an artificial satellite or rocket

PERIODICAL:

Radiotekhnika i elektronika, v. 7, no. 8, 1962, 1311-1315

TEXT:

The author considers the rotation of the plane of polarization of radiowaves, emitted from artificial satellites or rockets. A method is described for determining the electron concentration in the ionosphere from the recordings of polarization fadings of signals, emitted by rockets or satellites. The design principle for an apparatus, measuring the frequency of the polarization fadings, is proposed. The equations for the angel of rotation Ω of the polarization plane and for the rate of rotation $d\Omega/dt$; are derived under several simplifying assumptions (quasidipole approximation, the wave frequency is much higher than that of

Card 1/4

Determining electron concentration ...

S/109/62/007/008/005/015
D409/D301

the plasma and gyromagnetic frequencies, etc.). The proposed method for determining the electron-density distribution is as follows. From the formulas for Ω and $d\Omega/dt$ one obtains an expression for the electron density N_s at the point of location of the emitter. This expression is transformed:

$$N_s = \frac{h'_a \bar{M}'}{h'_s \left(\frac{\bar{M}'}{\bar{M}^2}\right)_a} N_a + \frac{\pi}{AMh'_s} \left[F(t) - \frac{\bar{M}'}{\left(\frac{\bar{M}'}{\bar{M}}\right)_a} F(t_a) - \frac{\bar{M}'}{\bar{M}} \int_{t_a}^t F(\tau) d\tau \right] \quad (4) \quad \checkmark$$

where N_a is the electron density at an arbitrary point a , $F(t) = \frac{1}{\pi} d\Omega/dt$ is the frequency of the polarization fadings, \bar{M} and \bar{M}' are related to the magnetic-field strength, h'_s is the vertical velocity-component of the emitter. Formula (4) contains (in the square brackets), experimentally determined quantities and the corresponding coefficients, whereas the coefficient in front of N changes with time. In rocket research, one sets (in formula (4)), $N_a = N_0 = 0$;
Card 2/4

Determining electron concentration ...

S/109/62/007/008/005/015
D409/D301.

thereby one obtains the N_g -curve, starting from the lower boundary h_o of the ionosphere. In ionosphere investigations by satellites, one sets $N_a = N_{max}$, or (if the altitudes are higher than the F-region), one determines N_a by a method given in the references. From the polarization-fading recordings over a prolonged period, it is possible to obtain the electron-density distribution along the satellite orbit (or rocket path), and hence the distribution in the altitude range under consideration. The design principle of an apparatus for frequency measurements, is based on the division of the received wave into the ordinary and extraordinary components, and the separation of the frequency difference of these waves. The block-diagram of such an apparatus is shown. The signal is received by two orthogonal dipoles, so that the phase shift is 90° . Then the waves are divided and the frequency difference Δf is separated; Δf is converted into a voltage, which is recorded. Conclusion: It is possible to obtain, by the above method, valuable information on the ionosphere, above the maximum of the F-region. The apparatus described permits completely separating polarization fading from other types of fading. There is 1 figure. The most important

Card 3/4

Determining electron concentration ... S/109/62/007/008/005/015
D409/D301

English-language reference reads as follows: J.C. Seddon, J. Geophys.
Res., 1958, 63, 1, 209. X

SUBMITTED: August 1, 1961

Card 4/4

ACCESSION NR: AP4048876

S/0109/64/009/011/1933/1937

AUTHOR: Namazov, S. A.

Topic: The profile of electron concentration above the

SOURCE: Radiotekhnika i elektronika, v. 9, no. 11, 1964, 1933-1937

TOPIC TAGS: ionosphere, F region, electron concentration

ABSTRACT: The assumption is made that the integral electron concentration above the F-region maximum is known, or else that the ratio of this concentration to the integral concentration below the maximum is known. The above-maximum integral concentration can be determined by analyzing radio signals transmitted by satellites or reflected by the Moon, or from observation of the r-f radiation of extraterrestrial sources. It is further assumed that, in the above-maximum region, the height H of the uniform atmosphere varies linearly.

Card 1/2

L 16181-65

ACCESSION NR: AP4048876

depending on altitude h . The quantity H can be determined by vertical sounding from the Earth's surface up to the F-region maximum. A formula is evolved that gives the equivalent thickness of the layer vs height of the uniform atmosphere. The formula permits plotting distribution of the electron concentration through the E-layer above the F-region maximum. The formula is verified by means of experimental data published by R. A. Hill and R. B. Dyce (J. Geophys. Res., 1960, 65, 1, 173) and other American researchers. Orig. art. has: 3 figures and 7 formulas.

ASSOCIATION: none

SUBMITTED: 05Sep63

ENCL: 00

SUB CODE: ES, NP

NO REF SOV: 002

OTHER: 015

ATD PRESS: 3146

Card 2/2

L 52198-65 ENT(1)/ENG(v)/ENG(m)/EEC-4/EEC(t)/EHA(h)
ACCESSION NR: AP5014103

GW

PO-4/PO-5/PQ-4/PAC-2/PED/P1-4
UF/0203/65/005/003/0423/0434
550.388.2

AUTHORS: Kazantsev, A. N.; Namazov, S. A.

TITLE: Determining electron concentration profiles above maximum F-region from data measured from the earth's surface

SOURCE: Geomagnetizm i aeronomiya, v. 5, no. 3, 1965, 429-434

TOPIC TAGS: ionosphere, electron concentration, atmosphere model, electron distribution

ABSTRACT: An ionospheric model was constructed to determine electron distribution above the F-region from data measured from the earth's surface. The model is based on the assumption that the electron concentration N is a function of the virtual height h and the virtual height of the maximum F-region h_m . The model is given by the equation $N = N_m \exp \left[-\frac{h}{H_m} - \frac{h}{H} \right]$ where H_m is the scale height of the F-region, H is the scale height of the ionosphere, and h is the virtual height. The model is used to determine the electron concentration profiles above the maximum F-region from data measured from the earth's surface.

$$N = N_m \exp \left[-\frac{h}{H_m} - \frac{h}{H} \right]$$

L 52188-65

ACCESSION NR: AP5014103

which, when integrated over h, becomes

$$n_A = \int_0^h N dh = V e N_m H_m \int_0^h \exp \left\{ -\frac{1}{2} \left[\frac{y}{1+ay} + \exp \left(-\frac{y}{1+ay} \right) \right] \right\} dy.$$

$y = h / H_m$, $a = H_m / H_0$. Curves of N and n_A are depicted graphically, and it is shown that one of the three parameters n_A , n , N uniquely characterizes the ionospheric layer.

Reference is made to a paper by the author, Radiotekhnika i elektronika, No. 10, 1964, pp. 2045-2046.

The author is indebted to V. A. Pavlov for his assistance in the calculations. This ionospheric model with a variable homogeneous atmosphere altitude is used for the calculation of the critical frequency f_oF_2 and the virtual height $h'F_2$ of the F₂ layer.

ASSOCIATION: Institut radiotekhniki i elektroniki AN SSSR (Institute of Radio-technology and Electronics, AN SSSR)

SUBMITTED: 07Jul64

ENCL: 00

SUB CODE: ES

NO REF SOV: 003

OTHER: 011

Card 2/2 *De*

NAMAZOV, S.T.

Study of the preventive properties of the serum of irradiated animals. Azerb. med. zhur. 42 no.8:83-87 Ag '65. (MIRA 18:11)

1. Iz Instituta eksperimental'noy neditziny i gigiyeny imeni Musabekova Ministerstva zdravookhraneniya AzerbSSR (dir. - prof. B.F. Medzhidov).

NAMAZOVA, A.A.
NAMAZOVA, A.A.

Role of respiration retention tests for rating external respiration
in children. Pediatria no.9:19-23 S '57. (MIRA 10:12)

1. Iz kafedry pediatrii (zav. - deystvitel'nyy chlen AMN SSSR prof.
G.N.Speranskiy) Tsentral'nogo instituta usovershenstvovaniya
vrachey (dir. V.P.Lebedeva, nauchnyy rukovoditel' - doktor medi-
tsinskikh nauk R.L.Gamburg.
(RESPIRATION) (CARDIOVASCULAR SYSTEM)

HAMAZOVA, A.A.

Functional state of the cardiovascular system during the active phase of rheumatic fever in children. Azerb.med.zhur. no.8:68-72 Ag '58 (MIRA 11:9)

1. Iz kafedry pediatrii (zav.- Geroy Sotsialisticheskogo Truda, deystvitel'nyy chlen AMN SSSR, prof. G.N. Speranskiy) TSentral'nogo instituta usovershenstvovaniya vrachey na baze detskoy bol'nitsy im. F.E. Dzerzhinskogo (lavvrach A.N. Kudrayasheva, nauchnyy rukovoditel' doktor med. nauk R.L. Gamburg).

(CARDIOVASCULAR SYSTEM)

(RHEUMATIC FEVER)

NAMAZOVA, A.A.

Functional state of the cardiovascular system in the active phase
of rheumatic fever in children [with summary in English]. *Pediatrics*
(MIRA 11:7)
36 no.7:60-66 Je '58

1. Iz kafedry pediatrii (zav. - deystvitel'nyy chlen AMN SSSR prof.
G.N. Speranskiy) Tsentral'nogo instituta usovershenstvovaniya vrachey
na baze detskoy bol'nitsy imeni F.S. Dzerzhinskogo (glavnyy vrach.
A.M. Kudryasheva, nauchnyy rukovoditel' doktor med.nauk R.L. Gamburg).

(RHEUMATIC FEVER, physiol.

cardiocasc. system (Rus))

(CARDIOVASCULAR SYSTEM, in various dis.

rheum. fever (Rus))

NAMAZOVA, A. A.: Master Med Sci (diss) -- "A study of the functional state of the cardiovascular system in children in the active phase of rheumatism". Moscow, 1959. 14 pp (Min Health USSR, Central Inst for the Advanced Training of Physicians), 200 copies (KL, No 18, 1959, 129)

NAMAZOVA, A.A.

Effect of the activeness of the rheumatic process on the state of
the cardiovascular system in children. Nauch. rab. asp. i klin. ord.
no. 6180-88 '60. (MIRA 14:12)

1. Kafedra pediatrii (zav. deystvitel'nyy chlen AMN SSSR prof. G.N.
Speranskiy) Tsentral'nogo instituta usovershenstvovaniya vrachev.
(RHEUMATIC FEVER) (CARDIOVASCULAR SYSTEM—DISEASES)

NAMAZOVA, A.A., kand. med. nauk

Analysis of the mechanical activity of the heart in healthy children. Azerb. med. zhur. no.9:53-57 S '62 (MIRA 18:1)

1. Iz gosspital'noy khirurgicheskoy kliniki (direktor - deystvitel'nyy chlen AMN SSSR prof. B.V. Petrovsky) 1-go Moskovskogo ordena Lenina meditsinskogo instituta i iz kliniki starshego detskogo vozrasta (zav. deystvitel'nyy chlen AMN SSSR, prof. O.D. Sokolova-Ponomareva) Instituta pediatrii AMN SSSR (direktor- dotsent M.Ya. Studenikin).

RABKIN, I.Kh.; GRIGORYAN, E.A.; NAMAZOVA, A.A.

Method of electrokymography in the study of age characteristics
of the functional state of the heart and pulmonary vessels. Kardiologiya
3 no.5:50-54 S-O '63. (MIRA 17:9)

1. Iz gosspital'noy khirurgicheskoy kliniki (dir. - deystvitel'nyy chlen
AMN SSSR prof. B.V. Petrovskiy) I Moskovskogo ordena Lenina meditsinskogo
instituta imeni I.M. Sechenova.

MAKOLKIN, V.I., NAMAZOVA, A.A.

Vectorcardiographic study of the electric activity of the auricle
in healthy children. Azerb. med. zhur. 42 no.6:7-11 Je '65.

(MIRA 18:9)

1. Iz fakul'tetskoy terapevticheskoy kliniki direktor - deystivitel'nyy
chlen AMN SSSR prof. V.N.Vinogradov) i I Kliniki starsheto vozrasta
(zaveduyushchiy - deystivitel'nyy chlen AMN SSSR prof. O.D.Sokolova-
Ponomareva) Instituta pediatrii AMN SSSR (direktor - dotsent M.Ya.
Studenikin).

BELYAYEVA, A.T.; NAMAZOVA, A.A.

Significance of vectorcardiography in the evaluation of ventricular hypertrophy in patients with a defect of the interventricular septum.
Sov. med. 28 no.9:10-17 S '65. (MIRA 18:9)

1. Institut klinicheskoy i eksperimental'noy khirurgii (dir. - deystvitel'nyy chlen AMN SSSR prof. B.V.Petrovskiy) Ministerstva zdravookhraneniya RSFSR i 1-ya klinika starshego detskogo vozrasta (zav. - deystvitel'nyy chlen AMN SSSR prof. O.D.Sokolova-Ponomareva) Instituta pediatrii (dir. - dotsent M.Ya.Studenikin) AMN SSSR, Moskva.

NAMEC, BOHUMIL,

Dejiny ovocnictvi. Praha, 1955. 277 p. (Ceskoslovenska
akademie ved. Sekce biologicka)

SOURCE: EEAL - LC Vol. 5 No. 10 Oct. 1956

NAMECEK, J.

"Electrical engineering and electric drives" by Lehmann,
Geisweid. Reviewed by J. Namecek. El tech cas 14 no.5:315-316
'63.

L 32567-66 EWT(d)/EWT(m)/EWP(f)/T-2/EWP(h) JKT
AM5001714 BOOK EXPLOITATION

Namcecek, Vaclav

People and aircraft (Lide a letadla) Prague, Svet sovetu, 1964. 164 p. illus. 5000
copies printed.

TOPIC TAGS: aviation, rocket engine, jet engine, supersonic aircraft, bombing aircraft

PURPOSE AND COVERAGE: The book is intended to acquaint the general reader with the development of Soviet aviation.

TABLE OF CONTENTS:

Contents:

The beginning of aviation in Russia -- 7

Soviet aircraft -- 22

The years of reconstruction (1917-1927) -- 22

Card 1/3

L 32567-66
AM5001714

The Soviet Five-Year Plans in aviation -- 36

1. Five-Year Plan (1927-1932) -- 36
2. Five-Year Plan (1933-1937) -- 46
3. Five-Year Plan (1938-1942) -- 60

The Soviet air force fights the Axis -- 71

Combat aircraft -- 76

Development of Soviet air force in postwar years -- 86

Rocket engines -- 87

Jet engines and their development -- 92

Jet aircraft -- 95

Supersonic aircraft -- 105

Cord 2/3

L 32567-66

AM5001714

Bombing aircraft -- 107

Military transportation -- 116

Civil aviation -- 119

Reactive techniques in transportation -- 122

Special services of "Aeroflot" -- 135

Helicopter -- 141

Sport airplanes and their pilots -- 158

Future prospects -- 162

SUB CODE: 01, 22

SUBMITTED: 0000064

Card

3/3

80

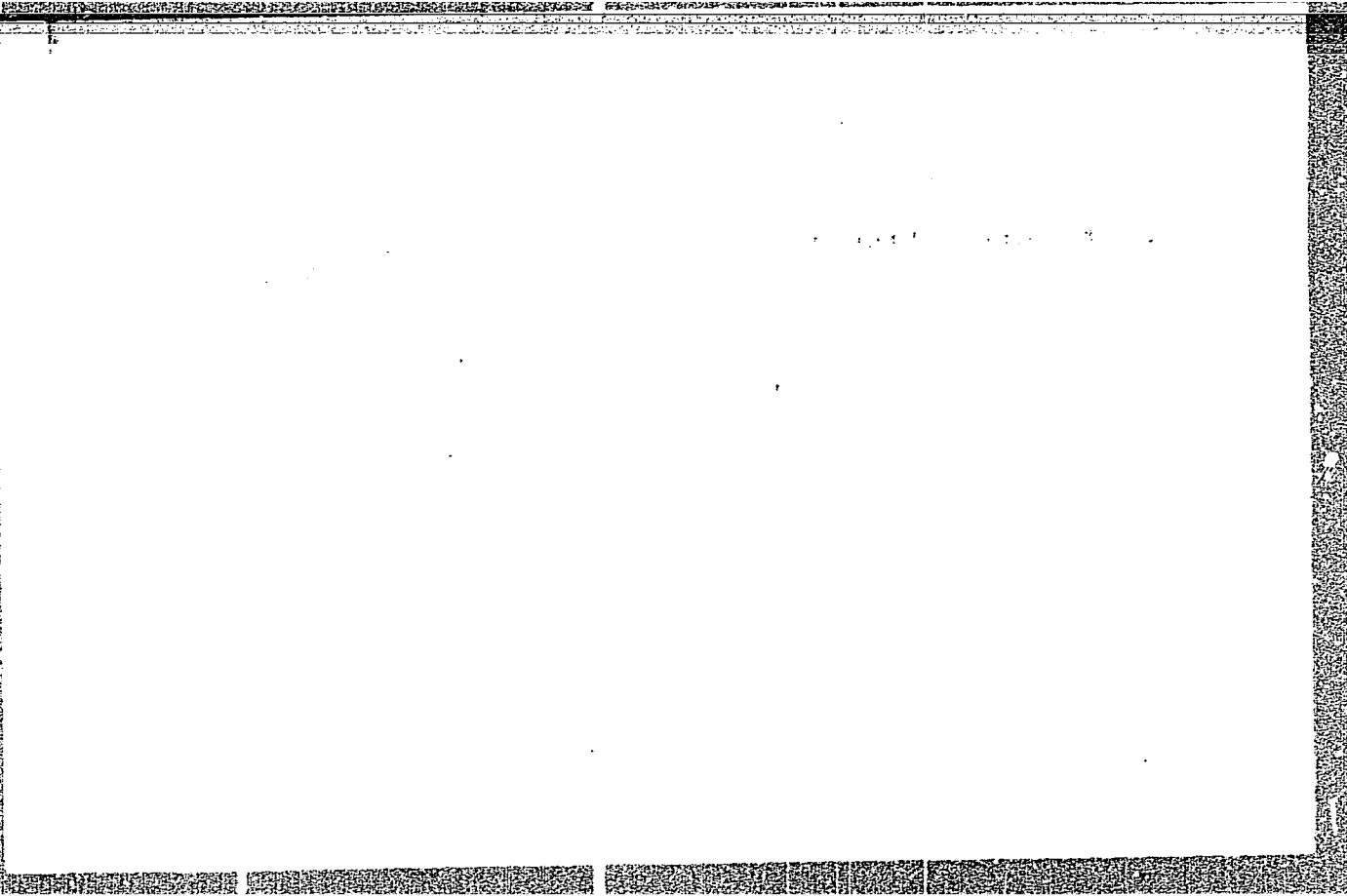
NAMED-ZADE, G. G.

Named-Zade, G. G. - "The time limit for operation in acute appendicitis", Doklady (Akad. nauk Azerbaydzh. SSR), 1949, No. 3, p. 142-45, (Resume in Azerbaijani).

SO:- U-4630, 16 Sept. 53, (Letopis 'Zhurnal 'nykh Statey, No. 23, 1949)).

"APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R001136020



APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R001136020

NO REF SOV: 000